



# Pinal County LWIA

## Labor Market Information

### Introduction Summary

The Arizona Office of Economic Opportunity (OEO) produces demographic, labor force, regulatory, workforce, and economic information for Arizona and sub-state areas. OEO created the following summary of economic highlights for Pinal County.

This section summarizes labor market and workforce trends occurring within the Pinal County economy to help address and manage future workforce challenges.

- Pinal County experienced a population growth of 54,469 individuals from 2010-2017 making it the 2nd fastest growing population among Arizona counties.
- Roughly 80% of the county's population growth is projected to come from net migration (foreign and domestic migration into the county).
- Pinal County is slightly older and has fewer participants in the labor force than Arizona.
- Pinal County's population has a higher proportion of individuals with a high school diploma than Arizona and the United States.
- Pinal County has a higher rate of people using public insurance than Arizona and the United States; the rate of uninsured individuals is higher as well.
- Pinal County saw similar declines in the unemployment rate as Arizona & the United States from '10 - '18.
- Between 2001 and 2017, Pinal County recorded strong employment growth in Education & Health Services (2.8%); Leisure & Hospitality (2.5%); Professional & Business Services (1.9%); and Trade, Transportation, & Utilities (1.5%).
- Pinal County recorded strong over-the-year employment growth in September 2018 within Leisure and Hospitality (325 jobs); Trade, Transportation, and Utilities (325 jobs); Manufacturing (225 jobs); and Mining and Construction (225 jobs)
- Pinal County is projected to record employment growth of 2.1% through 2019; less than the anticipated 2.6% employment growth for the state as a whole.
- The majority (55.3%) of Pinal County's workforce live in Pinal County.
- The majority of Pinal County residents (95,933 individuals) commute out of the county for employment.



# **Economic Overview**

## **Pima County**

### **How to use data:**

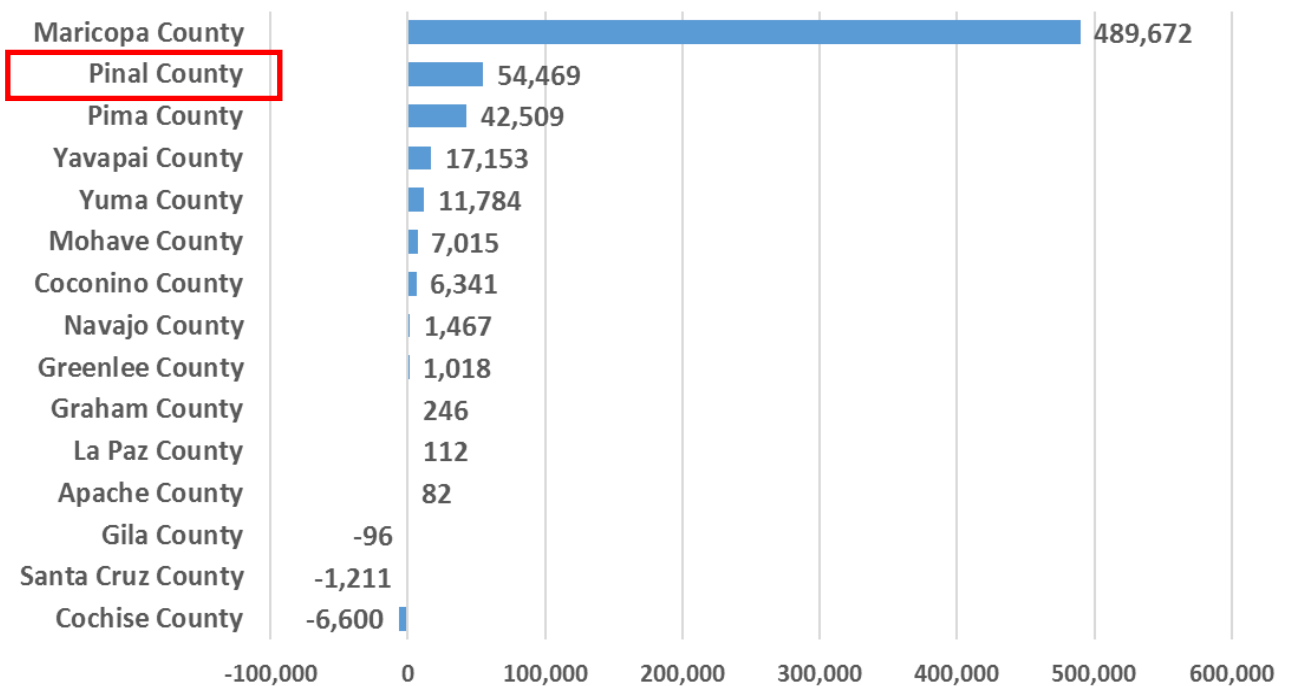
- Use data to drive decision, not validate decisions
- Use more than one source of data** – don't lock yourself into a single estimate, consider all of the available data to get the most accurate picture
- Know the limitations of your data set** – it's easy to accidentally misuse data and draw erroneous conclusions
- Become familiar with different data sets (or someone who is)** – there is no one place to find all the data you need

### **Immerse yourself in the data**

### **Be prepared to accept surprising surprises**



## Population Growth by County (2010-2017):



Source: Produced by the Arizona Office of Economic Opportunity using 2017 Population Estimates (PEPTCOMP) in cooperation with the US Census Bureau

Maricopa, Pima, and Pinal Counties represented 94% of total population growth within the state; however, these counties are also the most populous. Pinal County has recorded the 2nd largest population growth of Arizona counties.



## Pinal County Population Projections 2015 Medium Series

Year	Population	Population Change	Population % Change	Natural Change (Births-Deaths)	Total Net Migration (Inflows-Outflows)
2017	428,286	11,286	2.70%	2,173	9,112
2018	439,932	11,646	2.70%	2,238	9,408
2019	451,698	11,766	2.70%	2,314	9,452
2020	463,463	11,765	2.60%	2,397	9,368
2021	475,540	12,077	2.60%	2,493	9,584

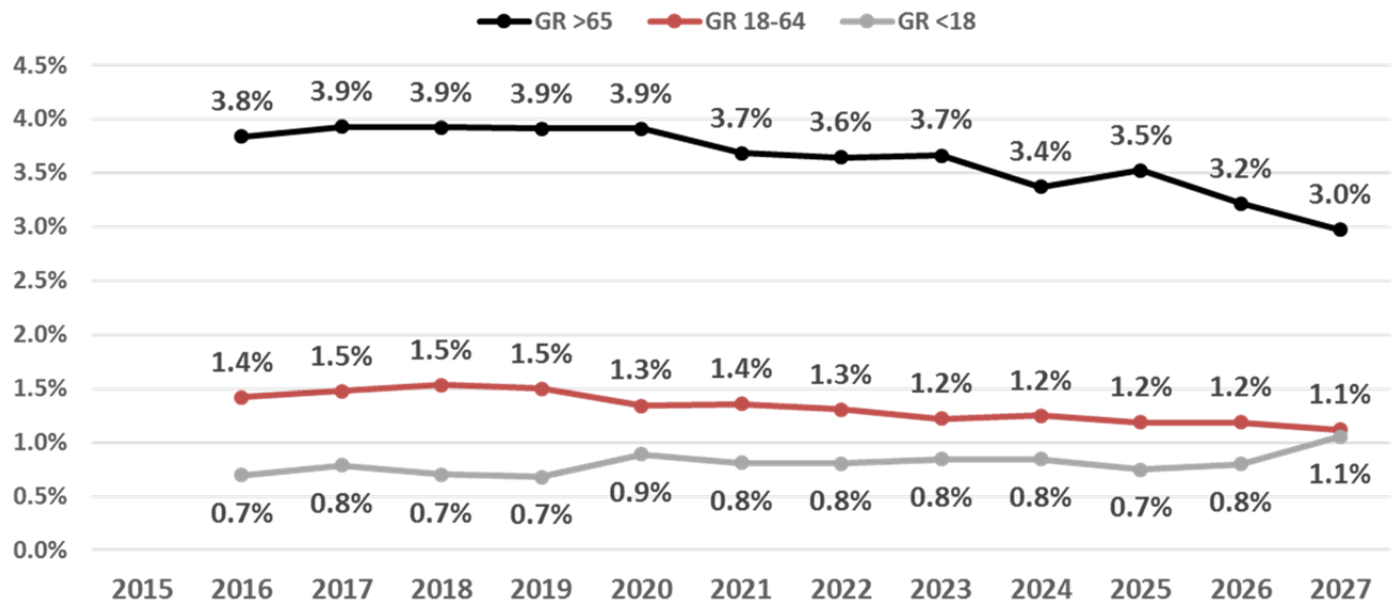
Pinal County is projected to see over-the-year population changes between 2.5% and 2.9% through 2050. Over the next few years, approximately a quarter of this population growth will be created by natural change (number of births exceeding the number of deaths). Roughly 80% of this population growth will be created from net migration (number of individuals moving to Pinal County exceeding the number of individuals moving away from Pinal County).

For more information on Pinal County's population projections through 2050 please visit - <https://population.az.gov/population-projections>



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## Arizona Population Growth Rate by Age Category, 2016-2027



Source: Arizona Office of Economic Opportunity 2015-2050 Population Projections, Medium Series

**Chart note: data is for the whole state of Arizona**

The 65 and over population is projected to grow at nearly 2-3 times the rate of the 18-64 age group and 3-4 times the rate of the 17 and under age group. The growth rate of the 65 and over cohort will steadily decline over the next decade. The 18-64 cohort will experience slower declines in their growth rate over the next decade. The 17 and under cohort will see modest increases in growth rates during the same period.



## Population Characteristics (2017)

Indicator	Pinal County	Arizona	United States
Median Household Income	\$52,788	\$56,581	\$60,336
Median Age	39.6	37.7	38.1
Individuals with a Disability between 18-64	14.8%	10.5%	10.3%
Veterans	10.6%	9.0%	7.3%
Poverty Status	12.6%	14.9%	13.4%
Mean Travel Time to Work (minutes)	31.3	25.6	26.9
Civilian Labor Force Participation Rate	47.3%	59.6%	62.8%
Population over 16	342,011	5,571,583	260,564,248
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (DP03, B01002, S1810, S2101) in cooperation with the US Census Bureau			

- Pinal County has a lower median household income than Arizona or the United States.
- Pinal County shows a higher rate of individuals with disabilities than Arizona or the United States.
- Pinal County also has a higher percentages of veterans than Arizona or the United States.
- Pinal County has a lower rate of poverty despite a lower labor force participation rate than the state or nation.

These are some of the issues that can shape workforce development policies. Pinal is a unique area with unique circumstances.



## Highest Educational Level Achieved (Population over 25 years of age; 2017)

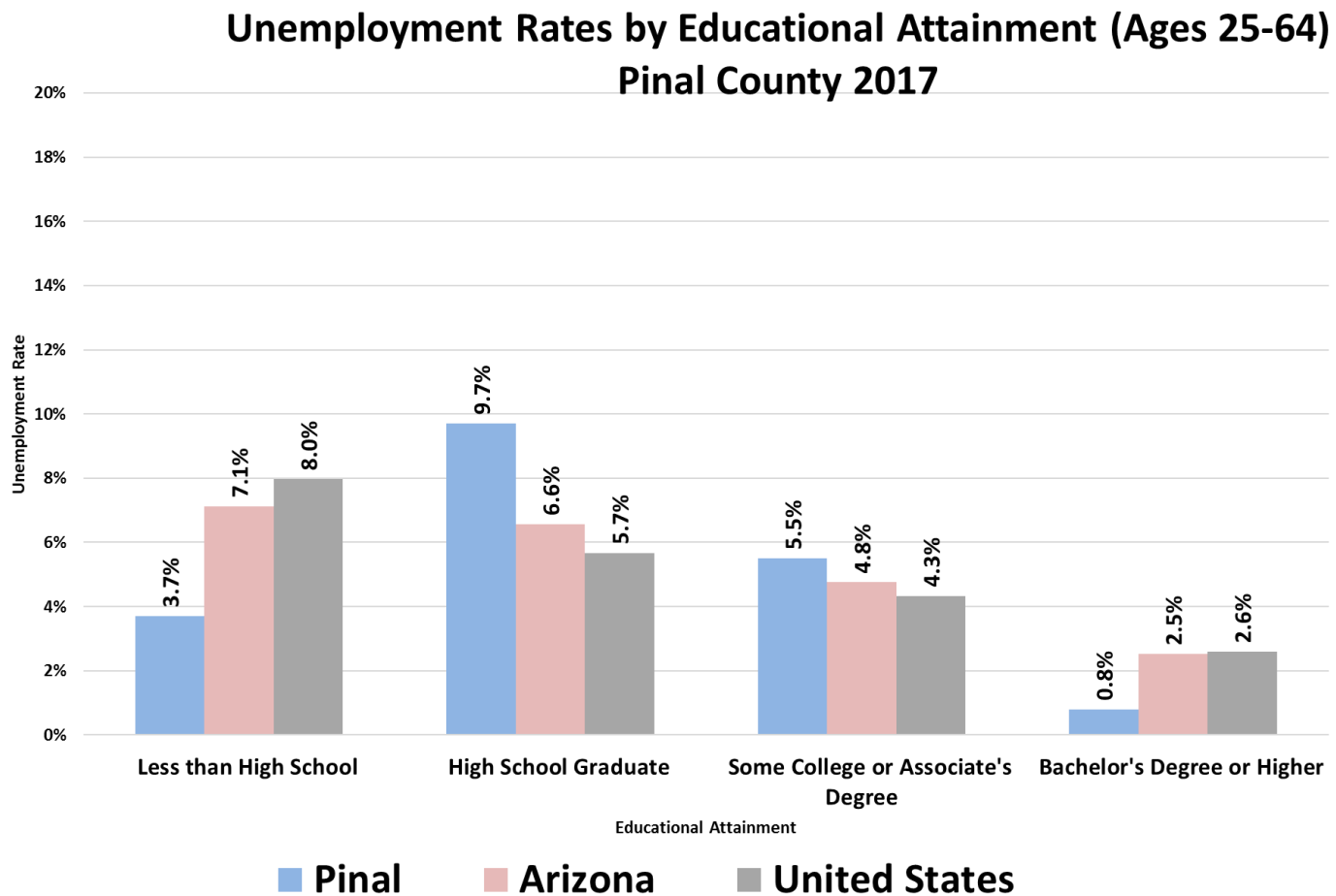
	Pinal County	Arizona	United States
Less than High School	15.4%	12.8%	12.0%
High School Graduate (includes equivalency)	57.5%	49.1%	47.5%
Associate's Degree	7.5%	8.7%	8.5%
Bachelor's Degree	12.7%	18.3%	19.7%
Graduate or Professional Degree	6.8%	11.0%	12.3%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (S1501) in cooperation with the US Census Bureau			

Pinal County has a smaller percentage of the population with any type of post-secondary education (Associate's degree, Bachelor's degree, or Graduate/Professional degree). American Community Survey data does not capture technical certifications less than an associates degree, however, so workers with specialized education are captured under the high school graduates category.



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### Unemployment Rate by Educational Attainment (Ages 25-64) Pima County 2017



Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (B23006) in cooperation with the US Census Bureau

The unemployment rate for Pinal County workers with a Bachelor's degree or less than high school education is lower than the rates for Arizona or United States with similar educational attainment. However, the unemployment rate is higher for individuals with a high school diploma or an associates degree than the state or the nation.





## Pinal County Public Assistance Households (2017)

	Pinal County	Arizona	United States
TANF (Temporary Assistance for Needy Families)	2.2%	1.6%	2.3%
SSI (Supplemental Security Income)	5.8%	4.3%	5.3%
SNAP (Supplemental Nutrition Assistance Program)	12.0%	10.8%	11.7%
Medicaid/AHCCCS (Arizona Health Care Cost Containment System)	18.0%	17.4%	15.3%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (DP03, B27010) in cooperation with the US Census Bureau			

**Chart note: TANF, SSI, and SNAP proportions are based on households, while Medicaid/AHCCCS proportions are based on individuals.**

Pinal County has a greater share of people using SNAP, Medicaid /AHCCCS, SSI, and TANF than the US and Arizona.



## Pinal County Health Insurance (2017)

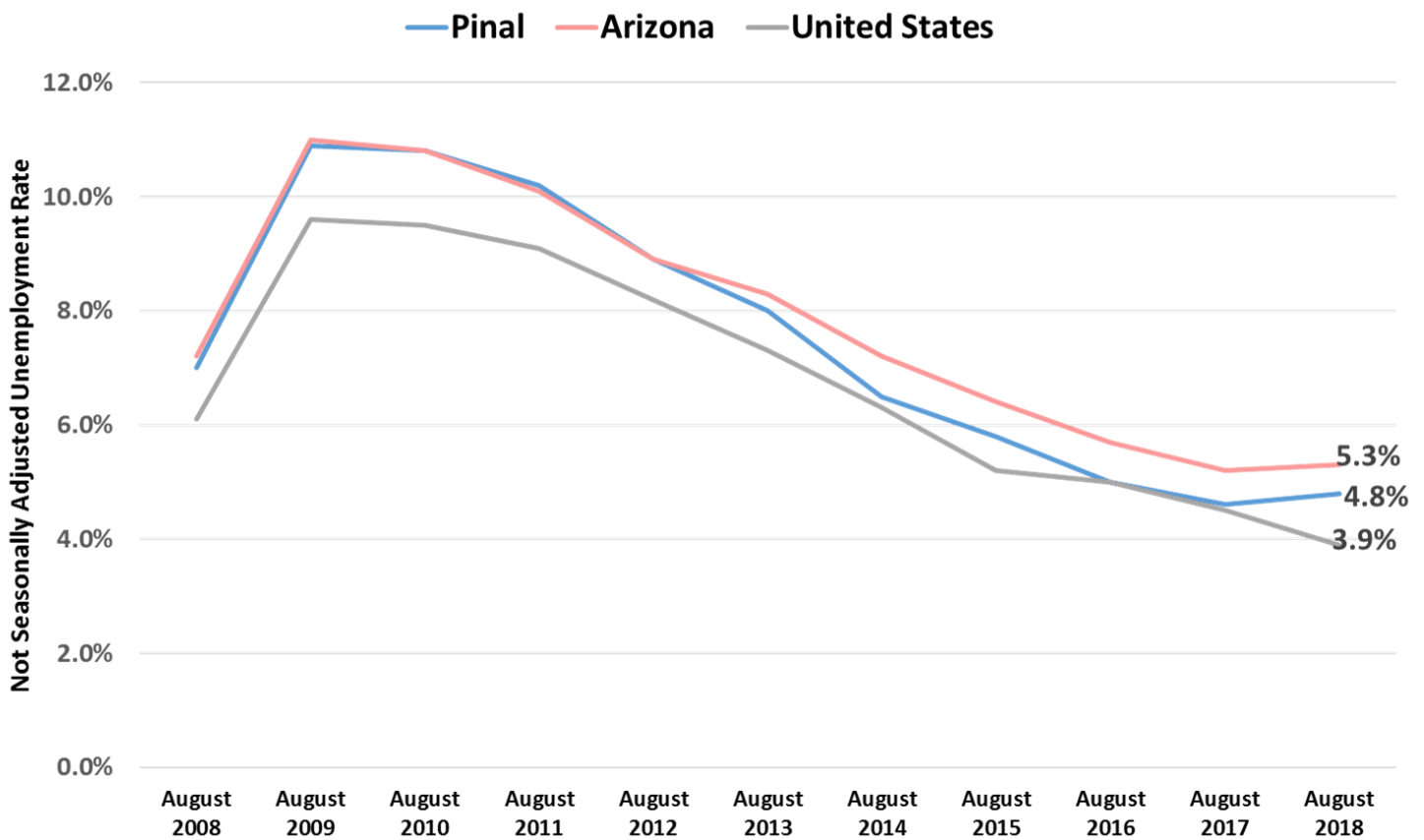
	Pinal County	Arizona	United States
Private Coverage Only (Employer, Direct-Purchase, TRICARE)	44.5%	49.1%	54.1%
Public Coverage Only (Medicare, AHCCCS, Veteran's Admin.)	25.8%	24.2%	20.9%
More than one source of health care coverage	21.6%	16.6%	16.3%
Uninsured	8.0%	10.1%	8.7%
Source: Produced by the Arizona Office of Economic Opportunity using 2017 ACS 1-Year Estimates (B27010) in cooperation with the US Census Bureau			

The sources for health insurance coverage for Pinal County residents generally follow the same pattern as Arizona. Pinal County does have a lower rate of uninsured individuals compared to Arizona. The higher rate of individuals with more than one source of health insurance is generally driven by individuals over the age of 65 with Medicare coverage and some type of private supplemental plan.



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# August Unemployment Rate Comparisons Pima County, Arizona, and United States



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Local Area Unemployment Statistics (LAUS)

Since 2013, Pinal County has consistently recorded a lower unemployment rate than Arizona.



## OFFICE OF ECONOMIC OPPORTUNITY

### Pima County Industry Nonfarm

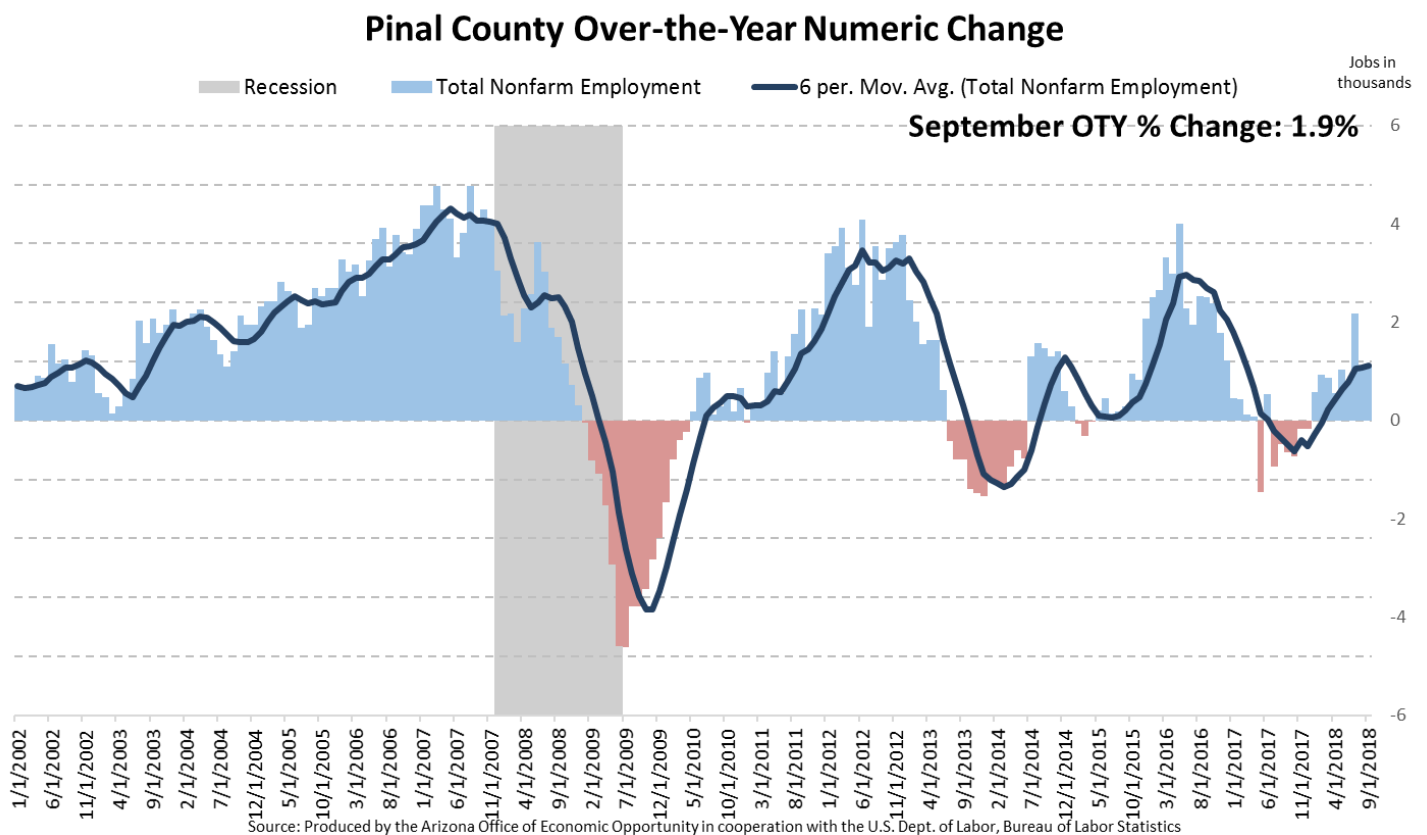
Industry	Employment Share	Employment Share	Change
	2001	2017	
Educational and Health Services	7.5%	10.4%	2.8%
Leisure and Hospitality	7.8%	10.3%	2.5%
Professional and Business Services	8.4%	10.2%	1.9%
Trade, Transportation, and Utilities	16.1%	17.6%	1.5%
Financial Activities	2.2%	2.4%	0.2%
Information	0.8%	1.0%	0.2%
Other Services	3.3%	3.2%	-0.2%
Manufacturing	7.5%	6.1%	-1.4%
Mining and Construction	7.5%	5.3%	-2.2%
Government	38.9%	33.5%	-5.4%
<b>Total</b>	<b>100%</b>	<b>100%</b>	<b>0.0%</b>

Source: Produced by the Arizona Office of Economic Opportunity using CES data in cooperation with the US Department of Labor, Bureau of Labor Statistics

Pinal County's economy has changed in the 21st century. While total employment has grown, the distribution between industries has changed over time. Government employment has lost the most shares (-5.4%). It is followed by Mining and Construction (-2.2%) and Manufacturing (-1.4%). While Mining and Construction are grouped into one sector, sector employment is dominated by Construction. These sectors lost shares while employment in four sectors gained equal shares: Educational and Health Services (2.8%); Leisure and Hospitality (2.5%); Professional and Business Services (1.9%); and Trade, Transportation, and Utilities (1.5%). Generally, Educational and Health Services is dominated by Health Services.



# Pinal County Nonfarm Employment Historical Over The Year Numeric Changes



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

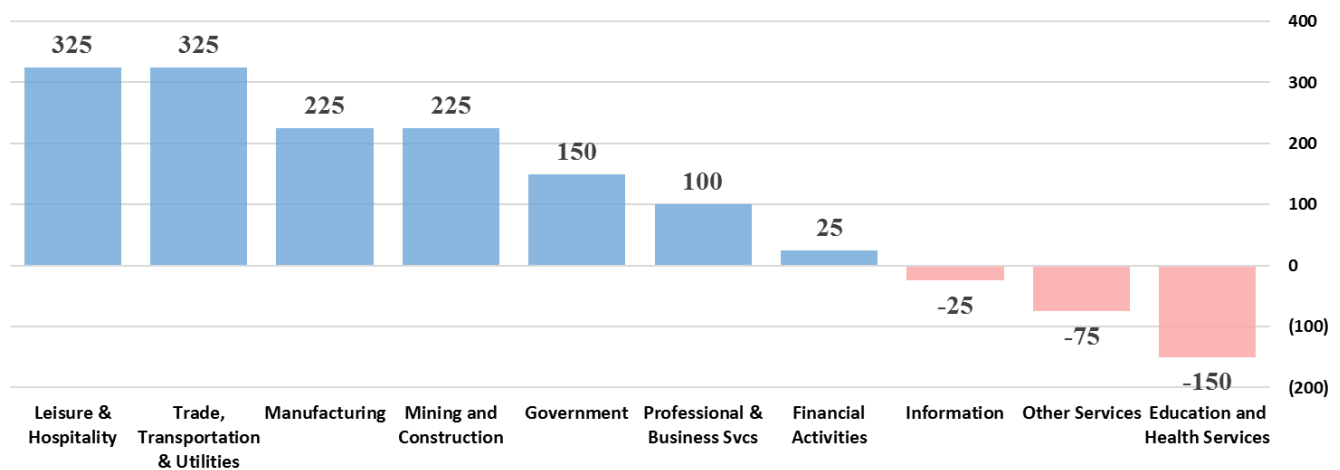
In September 2018, Pinal County employment grew by 1.9% over the year. Pinal County has recorded 9 consecutive months of over-the-year employment growth after losing jobs from May 2017 to December 2017.



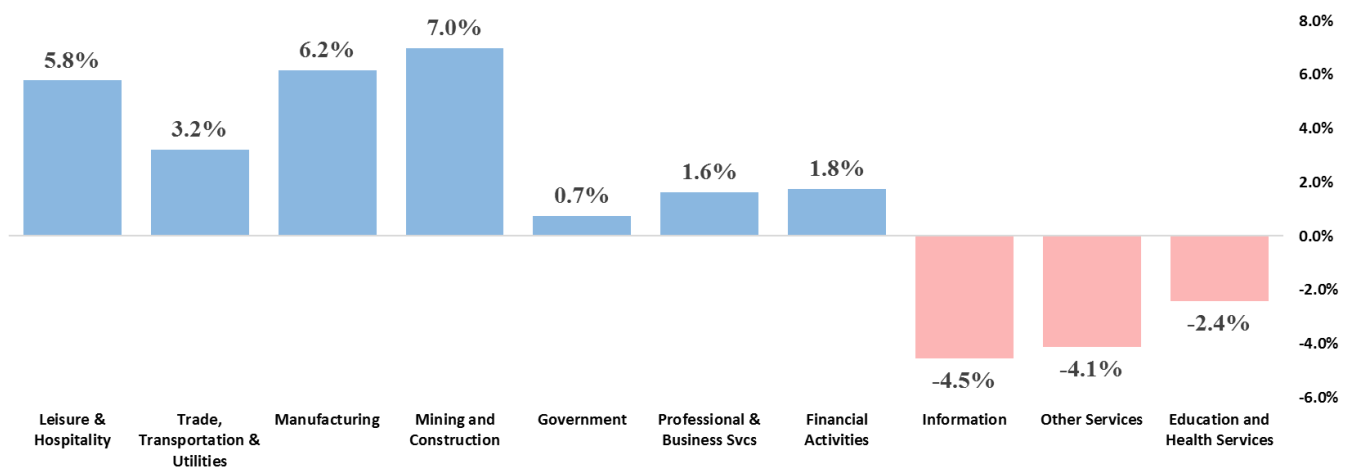
## OFFICE OF ECONOMIC OPPORTUNITY

# September 2018 Nonfarm Employment Report

### Pinal County Numeric Over-the-Year Employment Gain/Loss by Sector September 2018



### Pinal County Percentage Over-the-Year Employment Gain/Loss by Sector



Source: Office of Economic Opportunity in cooperation with the US Department of Labor, Bureau of Labor Statistics using Current Employment Statistics (CES)

In September 2018, the fastest growing industries within Pinal County were Leisure and Hospitality (5.8%, 325 jobs); Trade, Transportation, and Utilities (3.2%, 325 jobs); Manufacturing (6.2%, 225 jobs); and Mining and Construction (7.0%, 225 jobs).



# OFFICE OF ECONOMIC OPPORTUNITY

2017-2019 Pinal County Industry Employment Projections									
North American Industry Classification (NAICS)									
Industry Code	Industry Title	2017	2019	1-Year Change		2-Year Change			
				Numeric	Percent	Numeric	Percent	Numeric	Percent
000000	Total All Industries	66,356	69,239	1,442	2.1%	2,883	4.3%		
000067	Self-Employed and Unpaid Family Workers, All	3,692	3,881	95	2.5%	189	5.1%		
000990	Unclassified Payroll Employment	361	370	5	1.2%	9	2.5%		
110000	Agriculture, Forestry, Fishing and Hunting	3,389	3,262	(64)	-1.9%	(127)	-3.7%		
210000	Mining	1,209	1,117	(46)	-3.9%	(92)	-7.6%		
220000	Utilities	577	590	7	1.1%	13	2.3%		
230000	Construction	2,166	2,421	128	5.7%	255	11.8%		
310000	Manufacturing	3,530	3,861	166	4.6%	331	9.4%		
420000	Wholesale Trade	1,126	1,143	9	0.8%	17	1.5%		
440000	Retail Trade	8,295	8,781	243	2.9%	486	5.9%		
480000	Transportation and Warehousing	714	758	22	3.0%	44	6.2%		
510000	Information	722	761	20	2.7%	39	5.4%		
520000	Finance and Insurance	799	797	(1)	-0.1%	(2)	-0.3%		
530000	Real Estate and Rental and Leasing	515	529	7	1.4%	14	2.7%		
540000	Professional, Scientific, and Technical Services	1,064	1,104	20	1.9%	40	3.8%		
550000	Management of Companies and Enterprises	104	101	(2)	-1.5%	(3)	-2.9%		
560000	Administrative and Support and Waste Manage	5,009	5,301	146	2.9%	292	5.8%		
610000	Educational Services	7,181	7,220	20	0.3%	39	0.5%		
620000	Health Care and Social Assistance	6,630	7,002	186	2.8%	372	5.6%		
710000	Arts, Entertainment, and Recreation	802	851	25	3.0%	49	6.1%		
720000	Accommodation and Food Services	6,424	6,923	250	3.8%	499	7.8%		
810000	Other Services (Except Government)	1,997	2,060	32	1.6%	63	3.2%		
900000	Government	10,050	10,406	178	1.8%	356	3.5%		

Source: Arizona Office of Economic Opportunity 2017-2019 Industry Projections. See more at <https://laborstats.az.gov/employment-forecasts>



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### 2017-2019 Projected Job Growth by Region

Area Name	2017 Estimated Total Employment Level	2019 Estimated Total Employment Level	2-year Numeric Growth	2-Year Annualized Percentage Growth
Arizona	2,933,968	3,086,936	152,968	2.6%
Coconino County	70,107	72,350	2,243	1.6%
Maricopa County	2,067,036	2,190,157	123,121	3.0%
Mohave and La Paz	59,173	61,573	2,400	2.0%
Northeastern Arizona	74,509	76,772	2,263	1.5%
Pima County	392,316	405,671	13,355	1.7%
Pinal County	66,356	69,239	2,883	2.1%
Santa Cruz County	15,080	15,156	76	0.3%
Southeastern Arizona	53,375	55,103	1,728	1.6%
Yavapai County	69,233	72,103	2,870	2.1%
Yuma County	66,281	68,306	2,025	1.5%

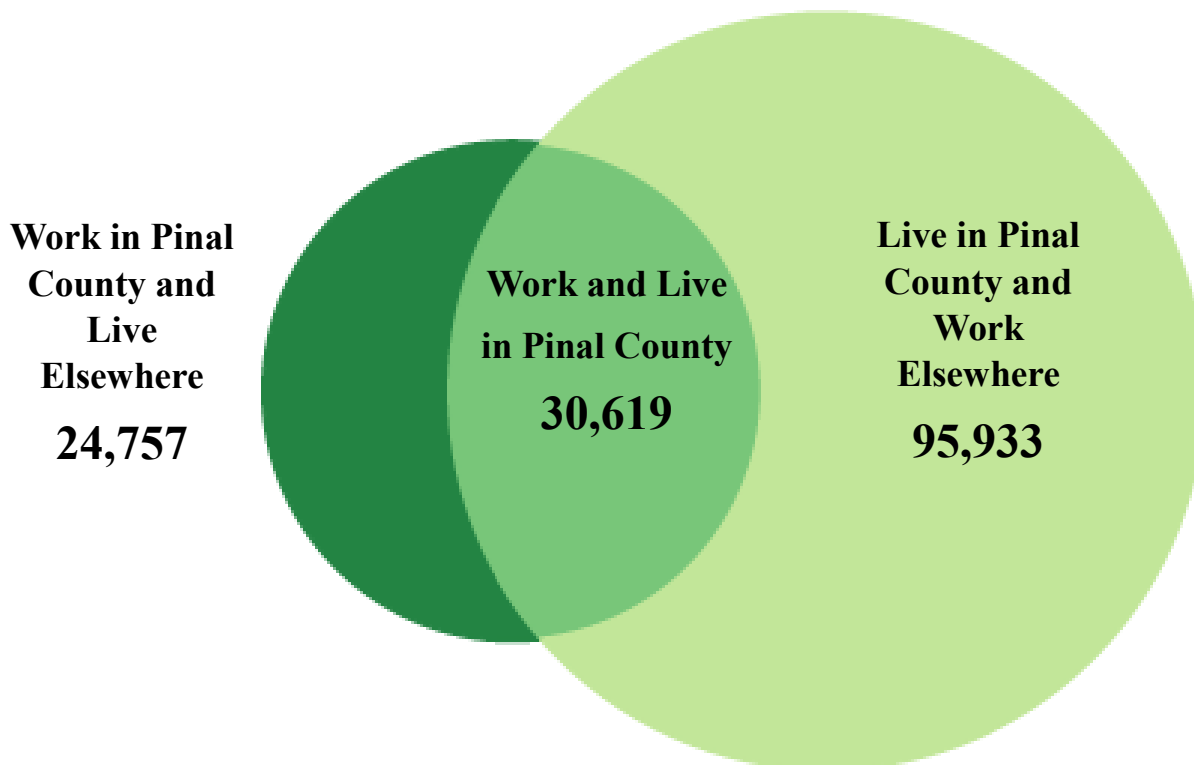
Arizona Office of Economic Opportunity 2017-2019 Industry Projections

The different regions in Arizona are projected to experience job growth during the projections period. Some are projected to grow faster than others, but the growth rates are projected to be positive.





## **Pinal County Commuting Patterns Pinal County 2015**



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

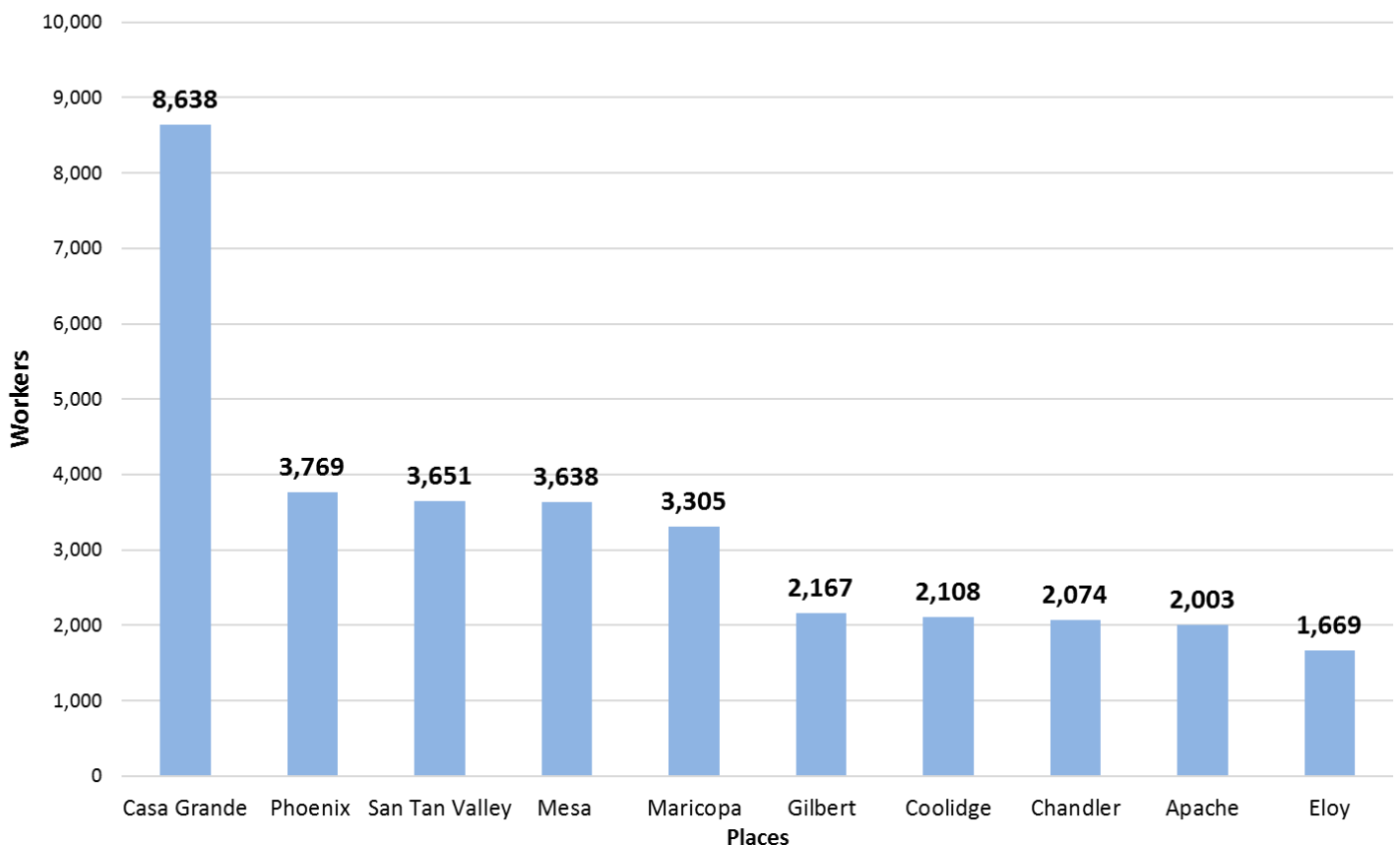
On The Map can provide information about commuting patterns for residents and workers within Pinal County. Approximately 55.3% of Pinal County's workforce also live in Pinal County. A majority of Pinal County residents work outside of the county. Pinal County has almost four times as many workers leaving the area for work when compared to the coming into the area for work.

The dark green circle represents the population that works in Pinal County (55,376 individuals). The light green circle represents the population that lives in Pinal County (126,552 individuals). The area where the circles overlap represents the population that both lives and works within Pima County (30,619 individuals).



## OFFICE OF ECONOMIC OPPORTUNITY

### Top 9 Places of Residence for Pinal Workers



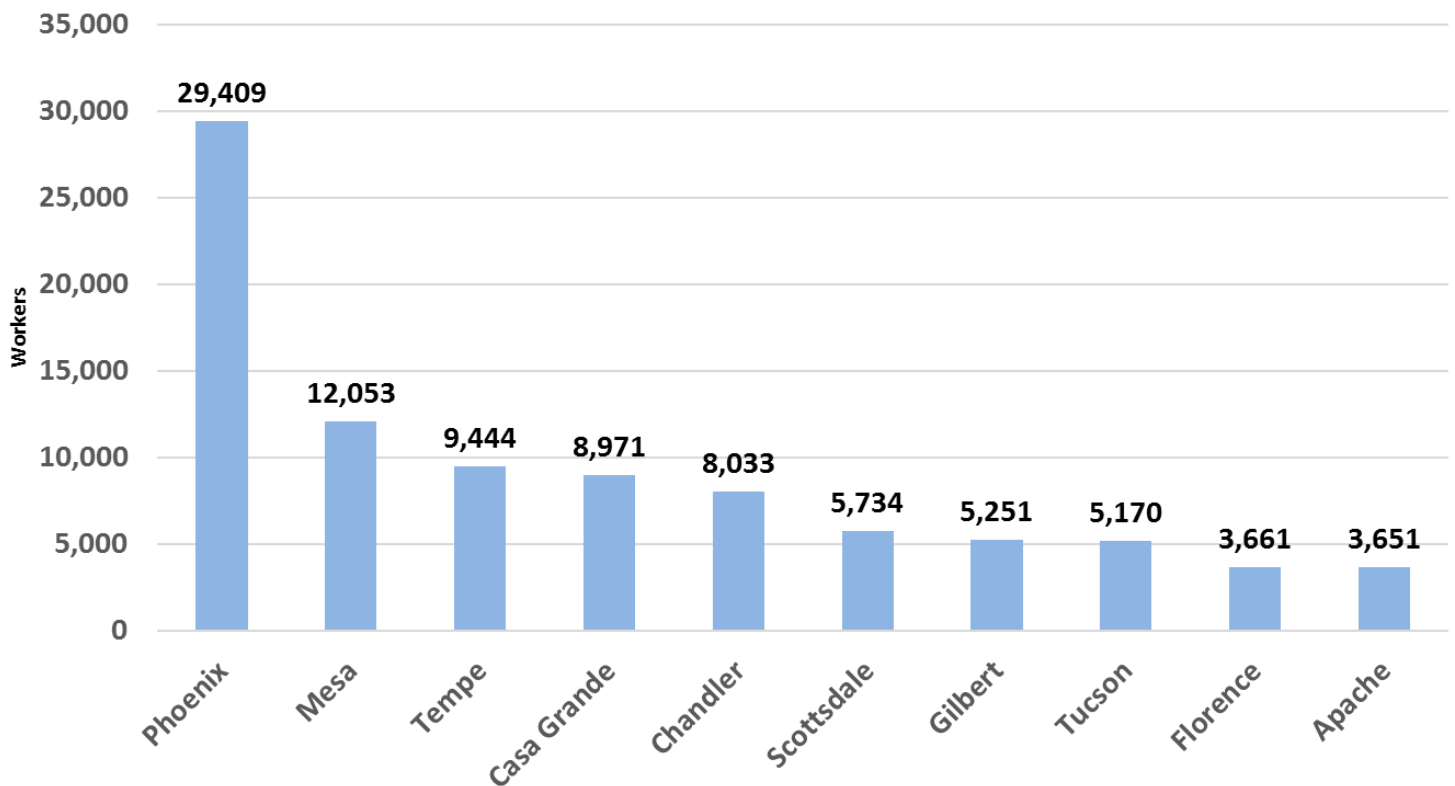
Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

Of the 55,376 individuals who work in Pinal County, these are the top ten places where these individuals live (dark green circle). Casa Grande is home to a large number of Pinal County's workforce (15.6%). The nine cities referenced above collectively make up 44.0% of employment within Pinal County.

- 8,638 individuals who work in Pinal County live in Casa Grande (15.6%).
- 3,769 individuals who work in Pinal County live in Phoenix (6.8%)
- 22,354 individuals who work in Pinal County live in other non-specified locations (40.4%)



## Top 9 Places of Employment for Pinal County Residents Pinal County 2015



Source: Produced by the Arizona Office of Economic Opportunity using On The Map in cooperation with the US Census Bureau

The chart above identifies the top 10 places where Pinal County residents work (light green circle). The City of Phoenix is the top city for Pinal County residents to work, with 23.2% of Pinal workers employed in Phoenix. The next largest base of employment for Pinal workers is Mesa, with 9.5% of Pinal County's workforce. In addition, 27.8% of the Pinal County population, or 35,175 individuals, work in un-specified locations.



## Data Sources

### **LaborStats.az.gov**

Employment Data:

[laborstats.az.gov/employment](http://laborstats.az.gov/employment)

Unemployment Data:

[laborstats.az.gov/unemployment](http://laborstats.az.gov/unemployment)

Wage & Income Data:

[laborstats.az.gov/wages-income](http://laborstats.az.gov/wages-income)

Employment Projections Data:

[laborstats.az.gov/employment-forecasts](http://laborstats.az.gov/employment-forecasts)

Population Data:

[laborstats.az.gov/population](http://laborstats.az.gov/population)

### **Other Labor Market Data Sources**

Commuting Patterns Data:

On the Map: [onthemap.ces.census.gov/](http://onthemap.ces.census.gov/)

Demographics Data:

American Community Survey: [census.gov/programs-surveys/acs/](http://census.gov/programs-surveys/acs/)

Personal Income and State GDP Data:

US Bureau of Economic Analysis: [bea.gov/regional/index.htm](http://bea.gov/regional/index.htm)

Interactive Employment Mapping

Maricopa Association of Governments: <http://geo.azmag.gov/maps/azdemographics/>

Skills and Training Requirement Data:

O\*NET: [onetonline.org/find/descriptor/browse](http://onetonline.org/find/descriptor/browse)



OFFICE OF ECONOMIC OPPORTUNITY

## Contact Information

**Website:** <https://laborstats.az.gov>

**Phone:** 602.771.2222

**Office Email:** [labor.info@azstats.gov](mailto:labor.info@azstats.gov)

**Doug Walls:** [doug.walls@oeo.az.gov](mailto:doug.walls@oeo.az.gov)

For information on  
the Office of  
Economic  
Opportunity's  
recommended  
In-Demand  
Industries visit:

[https://  
tabsoft.co/2AE47vq](https://tabsoft.co/2AE47vq)

**Tool Provides:**

- ⇒ Custom Data Filters
- ⇒ Visual Comparisons
- ⇒ “Highlight” feature
- ⇒ Local employment data
- ⇒ Visualizes Sectors & Detailed Industries
- ⇒ Customer Support at (602)771-2222
- ⇒ labor.info@oeo.az.gov

Local Workforce Labor Market Information

Instructions:

- Select a local region below to get started
- Review employment and wage estimates to identify qualified in-demand industry sectors
- Hover over an industry to highlight data elements for that industry only
- In-demand industries that were calculated using the state's methodology are highlighted in blue and are represented with the star symbol below

Local Area

Northeastern Arizona

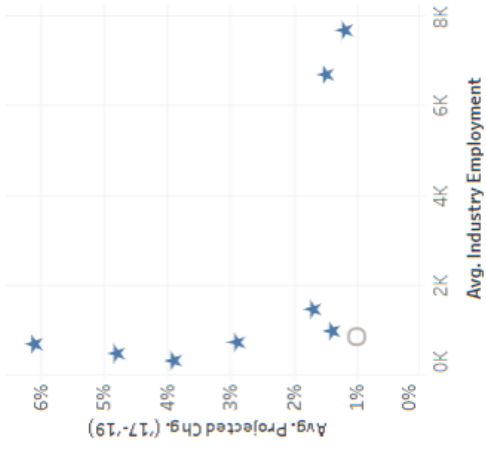
Industry Detail

Industry Sectors

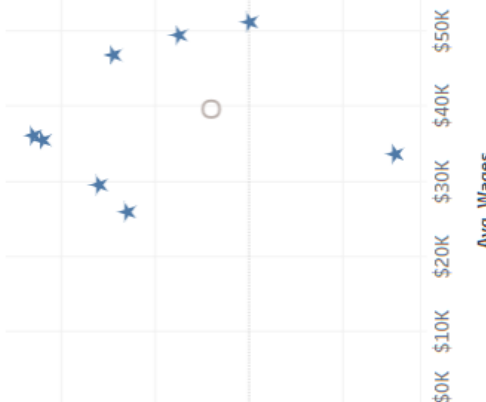
In-Demand Industries

Industry	Industry Rank	Employment Level	Projected Growth ('17-'19)	Average Wages	Wage Growth ('14-'17)
Health care and social assistance	1	7,695	1.2%	\$46,904	2.9%
Retail trade	2	6,707	1.5%	\$25,965	2.6%
Agriculture, forestry, fishing and hunting	3	492	4.8%	\$33,696	-3.1%
Professional and technical services	4	702	6.1%	\$49,539	1.5%
Administrative and waste services	5	991	1.4%	\$36,140	4.6%
Arts, entertainment, and recreation	6	333	3.9%	\$29,562	3.2%
Manufacturing	7	1,476	1.7%	\$51,289	0.0%
Real estate and rental and leasing	8	742	2.9%	\$35,533	4.4%
Transportation and warehousing	9	868	1.0%	\$39,693	0.8%

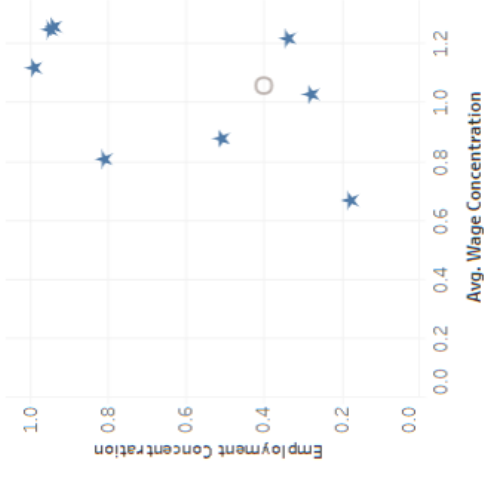
Employment



Wages



Industry Concentration



For information on the Office of Economic Opportunity's recommended In-Demand Occupations visit:

<https://tabsoft.co/2JsE6St>

Local Workforce Occupations

Instructions:

- Customize your list of occupations by selecting a local region, industry category and minimum education level
- Review employment and wage estimates associated with each occupation
- Occupations are assigned a rating from 1-5 calculated using wage, and numeric and percentage growth rates
- Hover over an occupation to highlight data elements on the graph below

Local Area

Arizona

Industry

Construction

Minimum Education Required

(All)

In-Demand Occupations

Occupation	Employment Level	Annualized Proj Occ Emp...	Annual Wages	Minimum Education Req.	
Carpenters	16,157	4.1%	\$42,990	HS Diploma	★★★★★
Cement masons and concrete finishers	6,476	5.4%	\$39,750	Less than H.S.	★★★★★
Construction laborers	22,852	4.0%	\$33,349	Less than H.S.	★★★★★
Cost estimators	5,724	4.5%	\$67,771	Bachelor's Degree	★★★★★
Drywall and ceiling tile installers	4,932	4.2%	\$40,032	Less than H.S.	★★★★★
Electricians	12,488	4.4%	\$49,181	HS Diploma	★★★★★
Heating, air conditioning, and refrigeration mechanics and installers	7,522	5.3%	\$46,444	Certification	★★★★★
Heavy and tractor-trailer truck drivers	27,205	3.5%	\$44,640	Certification	★★★★★

Wage & Employment



Tool Provides:

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